

PHMSA Updates

Pipeline Safety: Periodic Updates of Regulatory References to
Technical Standards and Miscellaneous Amendments

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Pipeline Safety: Miscellaneous Changes to Pipeline Safety
Regulations

Federal Register Volume 80, Number 2 (Monday, January 5, 2015)

- Pipeline Safety: Periodic Updates of Regulatory References to Technical Standards and Miscellaneous Amendments
- SUMMARY: PHMSA is amending the Federal pipeline safety regulations to incorporate by reference new, updated or reaffirmed editions of the voluntary consensus standards that are applicable to pipelines subject to the requirements of the Federal pipeline safety regulations. This final rule also makes non-substantive editorial corrections clarifying regulatory language in certain provisions. These changes are minor and do not require pipeline operators to undertake any significant new pipeline safety initiatives.

Affected 49 CFR Parts 192, 193, 195, 198, and 199

- DATES: This final rule is effective March 6, 2015. The incorporation by reference of certain publications listed in this final rule is approved by the Director of the Federal Register as of March 6, 2015.
- Impacted 22 of the 60 plus Standards currently incorporated reference including
 - ASTM D2513-09a incorporated for PE
 - ASTM D2513-87 and -99 continue to be incorporated for non-PE plastics
- Section 192.59 (d) Rework and/or regrind is not allowed in plastic pipe produced after March 6, 2015 used under this part

Standard Update Rule Impacts – Outdoor Storage Stability

- Outdoor storage stability: 3 year benchmark for medium density PE, 10 year benchmark for high density PE.
- Non-PE plastic still needs to follow the 2 year benchmark in D2513-99

ASTM D2513-09a

4.10 Outdoor Storage Stability—PE materials shall be Code C or E as defined in Specification D3350. Code C material shall contain 2 to 3 percent well dispersed carbon black, and due to the absorptive properties of the carbon black, is considered to be stabilized against deterioration from un-protected exposure to UV for not less than 10 years. Code E material shall be stabilized and protected against deterioration from unprotected UV exposure for not less than 3 years.

Standard Update Rule Impacts – Dual Marking

- If pipe manufactured on or after March 6 is marked with one of the following material designations in ASTM D2513-09a, dual marking not needed:
 - Medium density: PE 2606, PE 2708
 - High density: PE 3608, PE 3710, PE 4608 and PE 4710.
- Pipe manufactured prior to the effective date would still require dual marking
- Some manufactures are choosing to dual mark during transition

Federal Register Volume 80, Number 47 (Wednesday, March 11, 2015)

- Pipeline Safety: Miscellaneous Changes to Pipeline Safety Regulations
- SUMMARY: PHMSA is amending the pipeline safety regulations to make miscellaneous changes that update and clarify certain regulatory requirements. These amendments address several subject matter areas including the performance of post-construction inspections, leak surveys of Type B onshore gas gathering lines, qualifying plastic pipe joiners, regulation of ethanol, transportation of pipe, filing of offshore pipeline condition reports, and calculation of pressure reductions for hazardous liquid pipeline anomalies. The changes are addressed on an individual basis and, where appropriate, made applicable to the safety standards

Affected 49 CFR Parts 191, 192 and 195

- DATES: The effective date of these amendments is October 1, 2015. Immediate compliance with these amendments is authorized. The incorporation by reference of certain publications listed in the rule is approved by the Director of the Federal Register as of March 6, 2015.

Changes to Pipeline Safety Regulations

- **§191.7 Report submission requirements.**
- paragraphs (a) and (b) are revised and paragraph (e) is added to read as follows:
 - (a) General. Except as provided in paragraphs (b) and (e) of this section, an operator must submit each report required by this part electronically to the Pipeline and Hazardous Materials Safety Administration at <http://portal.phmsa.dot.gov/pipeline> unless an alternative reporting method is authorized in accordance with paragraph (d) of this section.
 - (b) Exceptions: An operator is not required to submit a safety-related condition report (Sec. 191.25) electronically.
 - (e) National Pipeline Mapping System (NPMS). An operator must provide the NPMS data to the address identified in the NPMS Operator Standards manual available at www.npms.phmsa.dot.gov or by contacting the PHMSA Geographic Information Systems Manager at (202) 366-4595.

Changes to Pipeline Safety Regulations

- **§191.25 Filing safety-related condition reports.**
- paragraph (a) is revised to read as follows:

(a) Each report of a safety-related condition under Sec. 191.23(a) must be filed (received by OPS within five working days, not including Saturday, Sunday, or Federal Holidays) after the day a representative of the operator first determines that the condition exists, but not later than 10 working days after the day a representative of the operator discovers the condition. Separate conditions may be described in a single report if they are closely related. Reports may be transmitted by electronic mail to InformationResourcesManager@dot.gov or by facsimile at (202) 366-7128.

Changes to Pipeline Safety Regulations

- **§191.29 National Pipeline Mapping System.**

- Section 191.29 is added to read as follows:

(a) Each operator of a gas transmission pipeline or liquefied natural gas facility must provide the following geospatial data to PHMSA for that pipeline or facility:

(1) Geospatial data, attributes, metadata and transmittal letter appropriate for use in the National Pipeline Mapping System. Acceptable formats and additional information are specified in the NPMS Operator Standards Manual available at www.npms.phmsa.dot.gov or by contacting the PHMSA Geographic Information Systems Manager at (202) 366-4595.

(2) The name of and address for the operator.

(3) The name and contact information of a pipeline company employee, to be displayed on a public Web site, who will serve as a contact for questions from the general public about the operator's NPMS data.

(b) The information required in paragraph (a) of this section must be submitted each year, on or before March 15, representing assets as of December 31 of the previous year. If no changes have occurred since the previous year's submission, the operator must comply with the guidance provided in the NPMS Operator Standards manual available at www.npms.phmsa.dot.gov or contact the PHMSA Geographic Information Systems Manager at (202) 366-4595.

Changes to Pipeline Safety Regulations

- **§192.9 What requirements apply to gathering lines?**
- paragraph (d)(7) is added to read as follows:

(d) *Type B lines*. An operator of a Type B regulated onshore gathering line must comply with the following requirements:

(7) Conduct leakage surveys in accordance with §192.706 using leak detection equipment and promptly repair hazardous leaks that are discovered in accordance with §192.703(c).

Changes to Pipeline Safety Regulations

- **§192.153 Components fabricated by welding.**
- a new paragraph (e) is added to read as follows:

(e) A component having a design pressure established in accordance with paragraph (a) or paragraph (b) of this section and subject to the strength testing requirements of Sec. 192.505(b) must be tested to at least 1.5 times the MAOP.

Changes to Pipeline Safety Regulations

- **§192.285 Plastic pipe: Qualifying persons to make joints.**
- paragraph (c) is revised to read as follows:

(c) A person must be re-qualified under an applicable procedure once each calendar year at intervals not exceeding 15 months, or after any production joint is found unacceptable by testing under Sec. 192.513.

Changes to Pipeline Safety Regulations

- **§192.305 Inspection: General.**
- Section 192.305 is revised to read as follows:

Each transmission line and main must be inspected to ensure that it is constructed in accordance with this subpart. An operator must not use operator personnel to perform a required inspection if the operator personnel performed the construction task requiring inspection. Nothing in this section prohibits the operator from inspecting construction tasks with operator personnel who are involved in other construction tasks.

Changes to Pipeline Safety Regulations

- **§192.503 General requirements.**

- a new paragraph (e) is added to read as follows:

(e) If a component other than pipe is the only item being replaced or added to a pipeline, a strength test after installation is not required, if the manufacturer of the component certifies that:

- (1) The component was tested to at least the pressure required for the pipeline to which it is being added;

- (2) The component was manufactured under a quality control system that ensures that each item manufactured is at least equal in strength to a prototype and that the prototype was tested to at least the pressure required for the pipeline to which it is being added; or

- (3) The component carries a pressure rating established through applicable ASME/ANSI, Manufacturers Standardization Society of the Valve and Fittings Industry, Inc. (MSS) specifications, or by unit strength calculations as described in Sec. 192.143.

Additional Links and Resources

- Illinois Commerce Commission (Pipeline Safety Program) links to advisory bulletin and code updates.
<http://www.icc.illinois.gov/PipelineSafety/>
- PHMSA (Standards and Rulemakings) links to code updates, advisory bulletins and technical resources.
<http://www.phmsa.dot.gov/pipeline/regs>